

CONTRACT CHANGE ORDER MEMORANDUM

DATE: 9/19/2014 Page 1 of 1

TO: Tony Anziano, Program Manager /			FILE: E.A. 04 - 0120F4	
FROM: Darryl Schram, Senior TE			CO-RTE-PM SF-80-13.2/13.9	
FED. NO. No				
CCO#: 367	SUPPLEMENT#: 0	Category Code: CLPV	CONTINGENCY BALANCE (incl. this change) \$27,161,099.86	
COST: \$108,236.00 INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>			HEADQUARTERS APPROVAL REQUIRED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
SUPPLEMENTAL FUNDS PROVIDED: \$0.00			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
CCO DESCRIPTION: Pipe Interference with Cable Rail			PROJECT DESCRIPTION: CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE	
Original Contract Time: 2490 Day(s)	Time Adj. This Change: 0 Day(s)	Previously Approved CCO Time Adjustments: 630 Day(s)	Percentage Time Adjusted: (including this change) 25 %	Total # of Unreconciled Deferred Time CCO(s): (including this change) 2

THIS CHANGE ORDER PROVIDES FOR:


Relocate cable railing posts, modify 6" Ductile Iron Pipe (DIP) supports, repair DIP galvanizing, prime bolt holes, and repair cable railing post paint at the cable railing gates on the crossbeams, cable railing terminations, and other cable railing post locations on the westbound Orthotropic Box Girder (OBG).

Contract Change Order (CCO) 188 "OBG Safety Railing (Furnish)" increased the diameter of the cable railing posts. The larger posts do not provide unobstructed clearance from the DIP to allow unhindered thermal movements and at some locations it is physically impossible to install the pipe. Hard contact of the pipe to the post will result in wearing of the pipe surface and degradation. First, pipe supports will be relocated to attempt to achieve a minimum 3 mm clearance to keep the pipe bell area unobstructed. If the necessary clearance cannot be reached by relocating pipe supports then the cable railing posts will be moved. Finish painting of the DIP and supports will be included in CCO 384.

The total cost of this change order is \$108,236.00 lump sum, which can be financed from the contingency fund. A detailed cost estimate is on file.

No time adjustment is warranted as this change order does not affect the controlling operation.

This change order has concurrence from William Casey (Supervising TE), Rich Foley (HQ Oversight), Wenyi Long (Bridge Design), Jing Chen (District Design), and Lina Ellis (Maintenance).

CONCURRED BY:			ESTIMATE OF COST		
Construction Engineer: William Casey, Sup TE	Date	5/22/14	THIS REQUEST		
Bridge Engineer: CT Oversight, Wenyi Long, P.E.	Date	5/1/14	ITEMS	\$0.00	TOTAL TO DATE \$0.00
Project Engineer: District Design, Jing Chen	Date	4/28/14	FORCE ACCOUNT	\$0.00	\$0.00
Project Manager:	Date		AGREED PRICE	\$108,236.00	\$108,236.00
FHWA Rep.:	Date		ADJUSTMENT	\$0.00	\$0.00
Environmental:	Date		TOTAL	\$108,236.00	\$108,236.00
Other (specify): HQ, Rich Foley	Date	5/27/14	FEDERAL PARTICIPATION		
Other (specify): Struct. Maint, Lina Ellis	Date	5/1/14	<input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input checked="" type="checkbox"/> NONE <input type="checkbox"/> NON-PARTICIPATING (MAINTENANCE) <input type="checkbox"/> NON-PARTICIPATING		
District Prior Approval By:	Date		FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)		
HQ (Issue Approve) By:	Date		<input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS		
Resident Engineer's Signature:	Date		FEDERAL FUNDING SOURCE PERCENT		
 9/23/14					